

**Abstract**

A system and process for providing safety limits on the delivery of an infusion formulation by an infusion pump system in response to a sensed biological state. The safety limits may comprise user-initiated event signals corresponding to events that may significantly affect the biological state. The safety limits may further comprise user-initiated event ranking signals for respective events which specify a degree, quantity, or measure for the respective event. The user-initiated event and event ranking signals may be communicated to a computing element associated with the infusion pump by an associated communication device having a user interface which comprises a plurality of user-selectable operators for entering information about the events and event rankings.